

Brief Spec. : 12.1"SVGA LED B/L & LVDS I/F model

Features

- **High brightness 550cd/m²**
- **Fast Response Time (16ms)**
- **Wide operation temperature range (-30~80°C)**
- **Long light life 60,000 hours**
- **Replaceable backlight LED unit**
- **Wide Viewing angle
80/80 (R/L), 80/60 (U/D)**
- **Natural Color Matrix**
- **Reverse scan function**

Type Name	AA121SM02	
Schedule	MP Now	
Screen Size/ Resolution	31cm (12.1-inch) / SVGA	
Active Screen Area [mm]	246.0 (H) x 184.5 (V)	
Number of Pixels	800 x (H) x 600 (V)	
Pixel Pitch [mm]	0.3075 (H) x 0.3075 (V)	
Contrast Ratio	600:1	
Brightness [cd/m ²]	550 (IF=120mA)	
Viewing Angle [CR>10, °]	-80~80 (H), -60~80 (V)	
Optimum Viewing Angle (Max. Contrast)	6 o'clock	
Response Time (Tr+Tf)	16ms	
Number of Colors	262k colors (6 bit/color), 16.7M colors (8 bit/color)	
Natural Color Matrix	Yes	
Backlight	LED (replaceable)	
Lamp Life [h]	60,000	
Interface	LVDS	
Power Consumption [W]	(7.0)	
Power Supply [V]	LCD : 3.3V, Backlight: (24V)	
Reverse Scan Function	Available	
Module Outline Dimensions [mm]	W	280.0
	H	210.0
	D	12.0
Module Mass [g]	750	
Operation Temperature Range[° C]	-30~80	
Storage Temperature Range[° C]	-30~80	
Surface Treatment	Anti-glare, hard-coating 3H	